**3GPP TSG-RAN WG2 Meeting #109e-bis R2-2002728**

**Electronic meeting, April 20 - 30, 2020**

**Agenda item:** 6.1.1

**Source:** Qualcomm Incorporated

**Title:** Notation of IAB terminology

**Document for:** Discussion

# 1 Introduction

There has been some discussion in the use of IAB terminology and notation after last RAN3 meeting. This document summarizes a WF established in the discussion. This WF is pretty much in line with the common practice across all CRs.

# 2 Discussion

These following captures a set of rules on IAB terminology and notation:

* In running CR 38300, the *IAB-donor* is defined as a gNB that provides network access to UEs via a network of backhaul and access links
  + There is **no** *IAB-donor gNB* or *IAB-donor-gNB*.
  + IAB-donor-DU and IAB-donor-CU are hyphenated in the same manner as the gNB-CU and gNB-DU.
* The IAB-node holds gNB-DU functionality with IAB-specific enhancements, referred to as *IAB-DU*.
  + There is **no** *IAB-node-DU* since this might imply that there would also be an *IAB-node-CU*.
  + The IAB-DU of a specific IAB-node, e.g., IAB-node 1, can be referred to as IAB-node-1’s IAB-DU, or IAB-DU 1.
* The IAB-node holds UE functionality with IAB-specific enhancements, referred to as *IAB-MT*.
  + There is **no** *IAB-node-MT* (since this might imply that there would also be an IAB-node-DU).
  + The IAB-MT of a specific IAB-node, e.g., IAB-node 1, can be referred to as IAB-node-1’s IAB-MT, or IAB-MT 1.
* The parent-node IAB-DU and child-node IAB-MT may be referred to as parent IAB-DU and child IAB-MT, respectively.
* Hyphenation follows commonly known rules.

**Proposal: RAN2 to agree on the above IAB terminology and notation.**

# 3 Conclusion

This paper discussed IAB terminology and notation. The following proposal has been made:

**Proposal: RAN2 to agree on the above IAB terminology and notation.**